

## ABSTRACT

A powder mixture consisting of zinc/titanium mixed oxide particles, titanium dioxide particles and zinc oxide particles, in which the zinc/titanium mixed oxide particles have a composition according to the formula  $(\text{ZnO})_{1-x}(\text{TiO}_2)_x$ , where  $0.01 < x < 0.99$ , and are obtained from a thermal process and the powder mixture exhibits remission which, in the UV range from 320 to 400 nm, is lower than that of titanium dioxide and, in the UV range below 320 nm, is lower than that of zinc oxide. The powder mixture may be used in sunscreen preparations.